

LISTING OF THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. **(Withdrawn)** An endoscope control system comprising:
a network server device which is provided with an interface for executing an external application software and stores a graphical user interface (GUI) which is a display information which is written in at least a server language and external application software; and
a network interface (network I/F).
2. **(Withdrawn)** An endoscope control system according to Claim 1 wherein the external application software is formed by a computer program.
3. **(Withdrawn)** An endoscope control system according to Claim 1 wherein the external application software is formed by a script.
4. **(Withdrawn)** An endoscope control system according to Claim 1 wherein the interface is formed by a common gateway interface (CGI).
5. **(Withdrawn)** An endoscope control system according to Claim 1 wherein the interface is formed by an active server pages (ASP).
6. **(Currently Amended)** An industrial use endoscope control system comprising:
an endoscope device provided with an insertion section for taking an image of ~~for~~ an inner section of a sample object for obtaining an endoscope image;
a control section connected to the endoscope device via a cable and comprising a server for performing network communication so as to transmit and receive the endoscope image by an

electric signal or an optical signal and to control a driving operation for the endoscope device by executing external application software;

a communication network structure ~~which is~~ connectable to the control section; and
at least one external terminal for operating the endoscope device while observing the endoscope image via the communication network,

wherein the endoscope device is controlled remotely by the external terminal when the external terminal and the control section are connected by the communication network.

7. (Currently Amended) ~~An~~ The endoscope control system according to Claim 6, wherein:

the control section is provided with a first image and ~~[[a]]~~ voice capture;
the at least one external terminal is provided with a server connectable to the communication network structure for operating the endoscope device while observing the endoscope image,
wherein each external terminal has a second image and ~~[[a]]~~ voice capture; and
a mutual communication is performed between the first image with the voice capture and the second image with the voice capture in addition to the endoscope image when the external terminals and the control section are connected via the communication network.

8. (Currently Amended) ~~An~~ The endoscope control system according to Claim 7, wherein the server converts an instruction from the external terminal and/or the control section for controlling a driving operation for the endoscope device to a signal for controlling the driving operation for the endoscope device by using a script.

9. (Currently Amended) An endoscope control system comprising:
an endoscope device ~~which is provided~~ with an insertion section ~~which takes~~ operative to take an image ~~for of~~ an inner section of a sample object ~~so as~~ to obtain an endoscope image so as to ~~perform a communication for an information which includes~~ transmit the endoscope image by ~~connecting to~~ via a connection with a communication network;

a remote control device ~~which has a function for displaying~~ operative to display the endoscope image, the remote control device operative to ~~which can be connect to the network and to the endoscope device mutually via the~~ communication network so as to be controlled control the endoscope device remotely while observing ~~an the endoscope image which is~~ outputted from the endoscope device and an information which relates related to the outputted image, ~~the remote control device comprising a server operative to receive and execute external application software to control the endoscope device;~~

at least an external terminal ~~which is~~ connected to the endoscope via the communication network and has a function for operating configured to operate the endoscope device while observing the endoscope image, wherein

~~the operation for taking an the endoscope image by the endoscope device is controlled remotely when the by the~~ remote control device or the external terminal ~~is connected to the endoscope~~ via the communication network.

10. (Currently Amended) ~~An~~ The endoscope control system according to Claim 6, wherein:

the remote control device and the external terminal have a microphone and speaker and/or a camera respectively; and

the remote control device and the external terminal ~~perform a mutual communication~~ communicate via the communication network such that ~~circumstance condition information regarding conditions at around~~ the remote control device and the external terminal are exchanged by ~~using a~~ voice and image.

11. (Currently Amended) ~~An~~ The endoscope control system according to Claim 6, wherein[[,]] an image display section and an operation switch section are disposed separately in the remote control device, ~~which has a function for displaying image~~ such that the operation switch section is connected to the endoscope device via [[a]] wireless communication so as to control the driving operation by transmitting an operation signal.

12. (Currently Amended) ~~An~~ The endoscope control system according to Claim 6, wherein:

a connection between the control section and the external terminal ~~are~~ is controlled exclusively by an identification number (ID) or a password; and

the driving operation for the endoscope is controlled only by the external terminal ~~which~~ is allowed by the control section.

13. (Currently Amended) An endoscope control system comprising:
an endoscope device ~~which is~~ provided with an insertion section for taking an image for of an inner section of a sample object for obtaining an endoscope image;

a control section ~~which is~~ connected to the endoscope device via ~~[[a]]~~ wireless communication and ~~has comprising a server for performing a network communication so as~~ operative to transmit and receive the endoscope image by an electric signal or an optical signal and to control a driving operation for the endoscope device by executing external application software;

a communication network structure ~~which is~~ connectable to the control section; and
at least an external terminal ~~which has a function for operating~~ operative to control the endoscope device while observing the endoscope image via the communication network structure,

wherein the endoscope device is controlled remotely by the external terminal when the external terminal and the control section are connected by the communication network structure.

14. (New) The endoscope control system according to claim 6, wherein
the external terminal includes a Web browser and a receiving section,
the control section including:

a communication I/F section operable to communicate with the external terminal,
the communication I/F section including a transmitting data control section and a received data control section;

an endoscope control data converting section operable to communicate with the endoscope device, the endoscope control data converting section including a transmitting data control section and a received data control section; and

a Web server, and

wherein instruction signals supplied from the external terminal are received by the Web server through the Web browser and the received data control section, the received instruction signals are converted into control signals by the endoscope control data converting section, and the converted signals are transmitted to the endoscope device by the transmitting data control section.

15. (New) The endoscope control system according to claim 9, wherein the external terminal includes a Web browser and a receiving section, the control section including:

a communication I/F section operable to communicate with the external terminal, the communication I/F section including a transmitting data control section and a received data control section;

an endoscope control data converting section operable to communicate with the endoscope device, the endoscope control data converting section including a transmitting data control section and a received data control section; and

a Web server, and

wherein instruction signals supplied from the external terminal are received by the Web server through the Web browser and the received data control section, the received instruction signals are converted into control signals by the endoscope control data converting section, and the converted signals are transmitted to the endoscope device by the transmitting data control section.

16. (New) The endoscope control system according to claim 13, wherein the external terminal includes a Web browser and a receiving section, the control section including:

a communication I/F section operable to communicate with the external terminal, the communication I/F section including a transmitting data control section and a received data control section;

an endoscope control data converting section operable to communicate with the endoscope device, the endoscope control data converting section including a transmitting data control section and a received data control section; and

a Web server, and

wherein instruction signals supplied from the external terminal are received by the Web server through the Web browser and the received data control section, the received instruction signals are converted into control signals by the endoscope control data converting section, and the converted signals are transmitted to the endoscope device by the transmitting data control section.